

Title (en)

APPARATUS FOR EVALUATING OPTICAL PROPERTIES OF THREE-DIMENSIONAL DISPLAY, AND METHOD FOR EVALUATING OPTICAL PROPERTIES OF THREE-DIMENSIONAL DISPLAY

Title (de)

VORRICHTUNG ZUR BEURTEILUNG DER OPTISCHEN EIGENSCHAFTEN EINER DREIDIMENSIONALEN ANZEIGE, UND VERFAHREN ZUR BEURTEILUNG DER OPTISCHEN EIGENSCHAFTEN EINER DREIDIMENSIONALEN ANZEIGE

Title (fr)

APPAREIL POUR ÉVALUER LES PROPRIÉTÉS OPTIQUES D'UN AFFICHAGE TRIDIMENSIONNEL ET PROCÉDÉ POUR ÉVALUER LES PROPRIÉTÉS OPTIQUES D'UN AFFICHAGE TRIDIMENSIONNEL

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Application

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Abstract (en)

[Problem to be solved] The present invention aims to provide an apparatus 1 for evaluating optical properties of a 3D display and a method for evaluating optical properties of a 3D display, which allows an evaluation of optical properties independently of the kind of 3D displays. [Solution] An interocular luminance analyzing unit 30 analyzes luminance perceived between the eyes of an observer based on a luminance distribution image, thereby generating a stereoscopy determination image, a stereoscopy determining unit 40 determines a stereoscopy possible region based on this stereoscopy determination image. This is applicable irrespective of the kind of 3D displays including the two-view type, the multi-view type, and the integral type. Therefore, with the apparatus 1 for evaluating optical properties of a 3D display and the method for evaluating optical properties of a 3D display in the present invention, the evaluation of optical properties can be performed independently of the kind of 3D displays.

IPC 8 full level

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